

MANIKANDAN.T

4/125 Rasipuram main road,
Vaiyappamalai (po),
Thiruchengode (tk),
Namakkal (dt) – 637410.

Email id: thirumani.kandan1@gmail.com
Mobile No: +918012063399

CARRIER OBJECTIVE

To be associated with a progressive organization that provides an opportunity to apply my knowledge and skills in order to keep abreast with latest trends and technologies. To gradually turn into a professional safety person to ensure the health, safety and welfare of personnel, property and the environment.

ACADEMIC CREDENTIALS

Qualification	Name of the Institution	% of Marks or CGPA	Year of passing
M.E. (INDUSTRIAL SAFETY ENGINEERING)	Bannari Amman Institute of Technology, Sathyamangalam.	8.21	2014-2016
B.E (CIVIL ENGINEERING)	RVS College of Engineering & Technology, Dindigul.	7.86	2010-2014
H.S.C	Sri Vidya Mandir Matric. Hr. Sec School, Gurusamipalayam.	82.75	2009-2010
S.S.L.C	Sri Vinayaga Matric Hr. Sec School, Vaiyappamalai.	79.6	2007-2008

OVERALL WORK EXPERIENCE: Total 4.9 Years as Safety officer.

1) Safety officer-Construction Industry

Bharuka Constructions Pvt Ltd, Site at WEG INDIA- Hosur – January 2021 to till date

Brief description of role in site:

- Conduct of Tool box meeting daily.
- Permit system to Hazardous and Risky Job.
- Prepare and Follow JSA procedure at site.
- Periodical Inspection of heavy machineries, equipment and their working condition like Scaffolding, Hydra, Cranes, Hand portable power tools Construction equipments and PPE's.
- Ensuring of supporting valid documents for heavy movement vehicles.
- Participate in HSE audits of contractor's working system.
- Taking Responsibility of first aid, safety equipments & accessories at site.
- Ensure confined space entry work safety, Excavation work safety, Work at height safety.
- Conduct safety induction training for new employees and workers.
- Conduct Safety, firefighting, mock drill training for labours.
- Ensuring Workplace Housekeeping and giving awareness about housekeeping to workers.

- Conduct and Celebrate safety day/fire day/motivational programmes.
- Ensure optimum utilization of natural resources like Air, Water, and Energy.
- Recommended policy, legal compliances and procedures for improvement as per client requirements.
- Safety document preparation and follow as per client requirements.

2) Safety officer-Textile Industry

VSM Weaves India Private Limited, Namakkal - June 2020 to Jan 2021

Brief description of role in factory:

- Implement of Induction training system for new employees.
- Maintaining and monitoring of firefighting equipment's like fire extinguishers, fire hydrant system, pump house, fire alarms and hooters, smoke detectors, first aid boxes.
- Monitoring of CCTV Cameras and Security system.
- Implement and follow the work permit procedure for risky operations.
- Encouraging and motivating the first aid trainers and firefighting trainers by safety programs.
- Marinating and ensuring of competent authority certification for hoists, lifting tools and tackles and Building stability.
- Conducting of safety committee meeting and mock drill training.
- Conducting internal safety audit program for the entire unit1 & unit2.
- Keep on inspection and checking of Humidification Plant and boiler operations.
- Maintaining statutory documents related IOF, TNPCB, FIRE NOC & License, Sanitary certificate, Building stability, medical fitness, PESO license for HSD.
- Implementation of reporting culture regarding about unsafe condition and unsafe act, near incidents and accidents.
- Implementation of safety sign boards, posters and visual control in the part 5S system.
- Act as a coordinator for implementation of 6S.
- Ensure and improving the non-conformity point regarding health and safety.
- Safety trainings for the employees related to Health, Safety, and Environment with operation.
- Ensuring ETP and STP process and monitoring the test reports of treated waste water at standard level as prescribed by TNPCB.

3) Safety officer-Engineering Industry

LLOYD Insulations India Limited, Kanchipuram – June 2016 to May 2020

Brief description of role in factory:

- Maintaining and ensuring the entire safety of operations of factory.
- Ensuring and follow up the legal statutory compliances like Pollution control board-Air and Water consent orders, Ambient air quality survey, Hazardous waste authorizations and their related forms.
- Monitoring and record of noise level for heavy machine operating areas.
- Maintaining and record of illumination level (Lux level).
- Inspection and make certification from competent authority for hoists, lifting tools and tackles, heavy operating vehicle and Building stability.

- Ensuring and Maintaining Statutory compliances of Inspector of factories- Factory license, Pressure vessels form-8, Annual Medical fitness certificate, Drinking water test, Annual returns.
- Maintaining and monitoring of Fire license and Fire Fighting Equipments like Fire Extinguishers, Fire Hydrant, Sprinkler system, Fire Alarms etc.
- Follow up the Petroleum and explosives safety organisation License for Pentane, HSD & LPG.
- Certified Internal auditor for ISO 45001.
- Conducting Health and Safety committee meetings and motivational programs.
- Monitoring and updating of emergency preparedness plan and conducting mock drill.
- Monitoring workplace risk and safety measures.
- Preparing and updating of Risk Assessment.
- Record and giving training related for unsafe condition, unsafe act and near miss incidents
- Giving Safety training for workers and contract labors as well as Induction training for new employees.
- Ensuring Red zone areas of plant.
- Recording Accident/Incident investigation and reporting to inspector of factories.
- Keep and Updating of safety documents and reports.
- Handling of man power and work allocation as well as ensured housekeeping.

TECHNICAL SKILLS

Workplace Communication and Relationship

Auditing knowledge

Cost Saving

Software Packages : Auto CAD, Stadd Pro & Revit

Computer knowledge : Windows (7, 8 & 10) & MS Office

ACADAMIC PROJECTS

UG Project Completed

Title: Recycling Of Materials from Dismantled Structures in Composite Pavement

Description: To develop the composite pavement by using waste debris from dismantled structures to improve strength.

PG Project

Phase I Completed

Title: Safety Management System in The India Cements

Description: To manage safety in workplace and systematic way to identify hazards and control risks in Cement plant.

Phase II Completed

Title: Hazard Identification and Risk Assessment for Cement Plant

Description: Identify the hazards through visual inspection and assess the risk rating as well as given control measures for hazards in Cement Plant.

AREA OF INTEREST

- Oil and Gas Industries
- Manufacturing Industries
- Automobile Industries

CO-CURRICULAR ACTIVITIES

- **“Hazard Identification and Risk Assessment for Surface Mines”**: Paper Presented in International conference on Futuristic Innovations in Mechanical Engineering and Manufacturing Management at M.Kumarasamy College of Engineering.
- **“Solid and E-Waste Management”**: One day workshop organized by Bannari Amman Institute of Technology, Sathyamangalam on 21th February, 2015.
- One day Industrial visit at **“Karikali Chettinad Cement”** in Gujilumparai (Karur).
- One day Industrial visit at **“Precast Concrete Structures”** in Thirumanglam (Madurai).
- One day Industrial visit at **“ZF wind power”** in Coimbatore.
- Member in “American Society of Safety Engineers Association” from August 2015.

Program Organized

- Conducted Safety Audit for Bannari Amman Institute of technology
- Conducted National Safety day and Fire Service day in my college campus

Internship

- Three weeks internship in SPIC, at Tuticorin.

SAFETY TRAINING

- Ten days Fire and Rescue Training at District Fire Station, Erode
- Certificate holder, First Aid Training conducted by St. John Ambulance (India).

ACHIEVEMENTS

- Maintained zero percent of workplace accidents/injuries.
- Planted more trees to reduce the impact for environment.

PERSONAL DETAILS

Father's Name	: Thiruppathi. V.R
Date of Birth	: 29 th July 1992
Gender	: Male
Marital status	: Married
Nationality	: Indian
Languages Known	: English, Tamil and Telugu.

Place:

Date:

(T. MANIKANDAN)